

EXECUTIVE SUMMARY

Date Summary Prepared: April 29, 2010

Mine Name: Center Creek	I.D. Number: M/051/0013
Operator: Geneva Rock Products	Date Original Notice Received: March 01, 2010
Address: 1565 West 400 North	County: Wasatch
	New/Existing: New LMO
Orem, Utah 84057	Mineral Ownership: Fee
Contact Person: Brent Sumsion	Surface Ownership: Fee
Telephone: 801-765-7800	Lease No.(s): N/A

Life of Mine: About 40 years

Legal Description: Portions of Sections 24 and 25, Township 4 South, Range 5 East, SLB&M; and Portions of Sections 19 and 30, Township 4 South, Range 6 East, SLB&M

Mineral(s) to be Mined: The excavation will produce crushed and/or screened aggregate for construction.

Acres to be Disturbed: The existing mine disturbance is 13 acres, with 51 acres of new mining disturbance planned for a total of 64 acres to be disturbed over 40 years.

Present Land Use: Current use is quarrying for road construction aggregate and wildlife habitat.

Postmining Land Use: Rangeland and wildlife habitat.

Variances from Reclamation Standards (Rule R647) Granted: None.

Soils and Geology

Soil Description: Textures of the soil samples range from clay, loam and clay loam. There are no restrictions on salvaging soil because of concerns about the chemistry. Fertility is relatively good for rangeland soils. The depth to bedrock ranges from 0 to 16 inches. pH values range from about 6.1 to about 7.8. The steep slopes consist of Henefer soils and the Wallsburg-Rock outcrop complex.

Special Handling Problems: The site topography is locally steep, up to 60% grade, but in spite of the grade, the operator expects to be able to salvage an average of about six inches of soil over the entire area.

Geology Description: The mine is located in the Wasatch Hinterland of the Middle Rocky Physiographic Province. The area has a thin veneer of soil material and is underlain predominately by Oquirrh Formation. The Oquirrh Formation is comprised of a series of silty sandstones, quartzites and cherty limestones.

Hydrology

Ground Water Description: It is not expected that groundwater will be encountered at the maximum extent of mining. The floor of the mine is currently planned to be above 6325 feet mean sea level.

Surface Water Description: Any storm water runoff coming from affected lands will be collected in the storm water retention basin or within the quarry confines, which, at a minimum, will be sized for the 10-year, 24-hour event.

Water Monitoring Plan: No water monitoring is planned.

Ecology

Vegetation Type(s); Dominant Species: The dominant species include Gambel oak, bluebunch wheatgrass, Sandberg bluegrass, cheatgrass, Utah juniper, big sagebrush, and a few forbs typical of dry areas with well drained soils.

Percent Surrounding Vegetative Cover: 50.6 percent vegetation cover, 40 percent is bare ground, 9.4 percent is litter.

Wildlife Concerns: No threatened or endangered species are known to occur within the permit area. The Utah Conservation Database website lists the following species of special concern in Wasatch county: Ute ladies tresses, clay phacelia, yellow-billed cuckoo, brown bear, and Canada lynx, but the habitat at the mine site does not support these species. It is possible there could be some use by Canada lynx.

Surface Facilities: Surface facilities include a primary crusher, secondary and tertiary crushing units, sizing screens, a wash plant, scales and scale house, fuel and water storage tanks, and mine roads.

Mining and Reclamation Plan Summary:

During Operations: Following topsoil salvage, rock will be drilled, blasted and removed in lifts about 50 feet deep. The material is removed to a processing area where it is crushed and screened. Blasting will be done by a contractor in accordance with MSHA requirements. Crushers and plants will initially be operated with Temporary Relocation Permits from the Division of Air Quality, but permanent site permits will be obtained as business increases. All roads and materials will be sprayed to control fugitive dust. Conveyors are equipped with spray bars that spray water at drop points to control dust. Appropriate gates and warning signs will be located at public access points and other locations. Deleterious or potentially deleterious materials will be kept in designated storage areas.

After Operations: When mining is complete, the site will be returned to a grazing and wildlife habitat postmining land use. All facilities will be removed and any remnants of material stockpiles on the quarry floor will be graded across the floor. The quarry floor will be graded to create a slightly rolling surface. It will then be ripped 18 inches deep followed by distribution of soil and seeding.

Highwalls and sidewalls will have toe to crest slopes of 1H:1V with 40-foot highwalls and 25-foot benches. The benches will be covered with soil then seeded. Steep slopes between the benches will not be covered with soil or seeded.

The seed mix includes a mixture of native and introduced species that should help reduce establishment of cheatgrass and other weeds.

The stormwater retention basin will be backfilled and graded, but this will be the last area reclaimed to minimize the chance for off-site sedimentation. Drainages flowing over the highwalls into the quarry will be lined with rock to prevent erosion.

The access road will be reclaimed.

Surety

Amount: \$416,000

Form: Yet to be determined

Renewable Term: Five years

PBB:lah:pb
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Penny Berry - Center Creek Tentative Approval

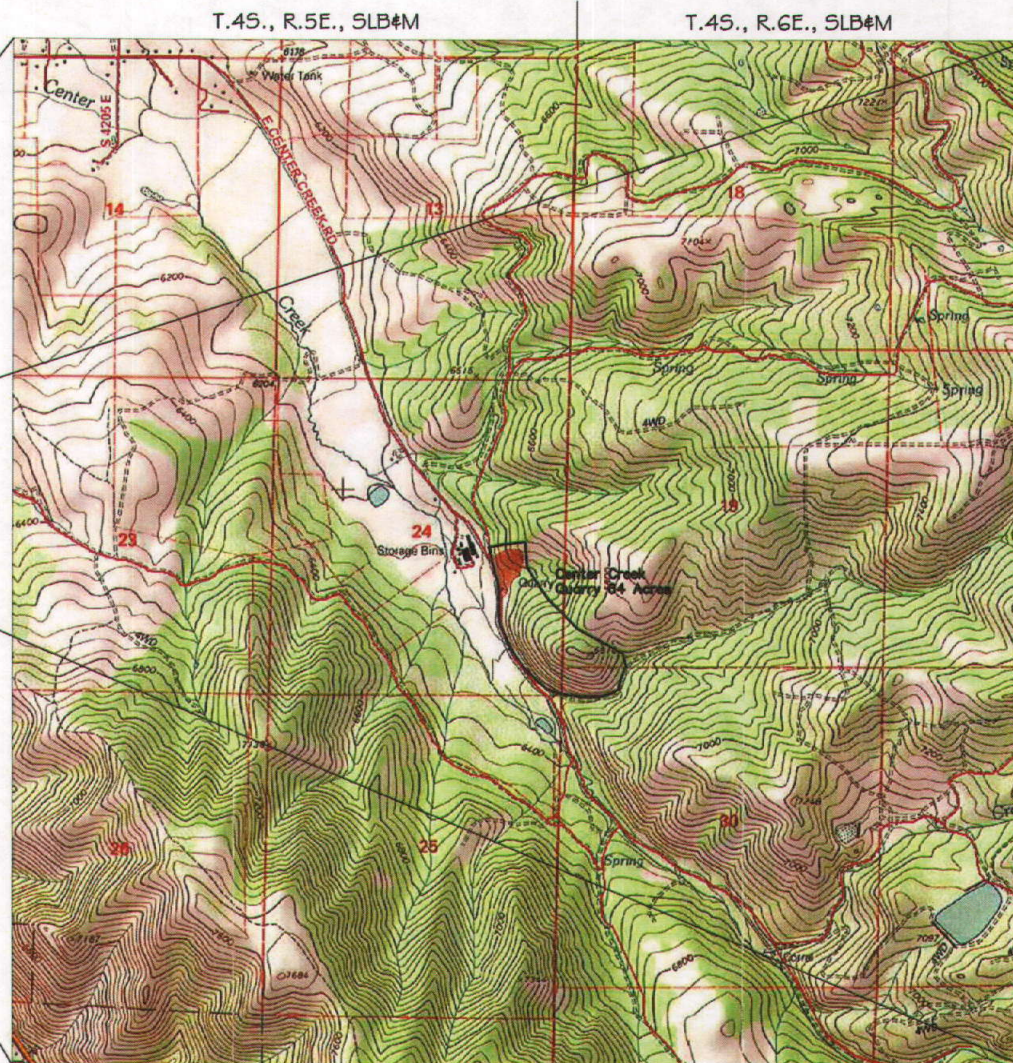
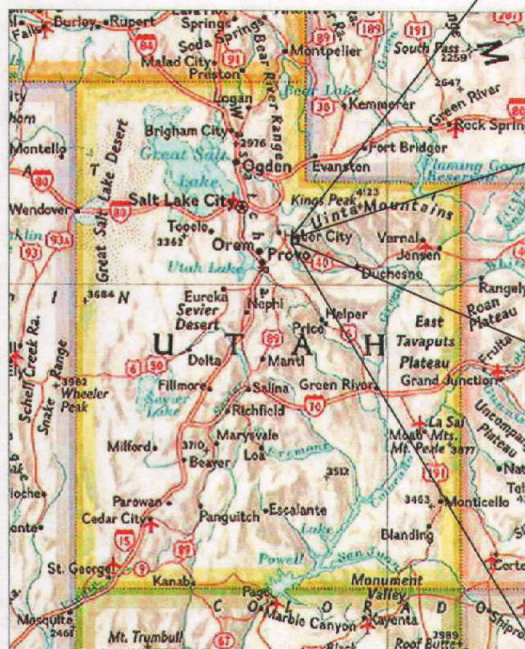
From: Paul Baker
To: Berry, Penny
Date: 5/3/2010 7:25 AM
Subject: Center Creek Tentative Approval

We are ready to issue tentative approval for the Center Creek mine in Wasatch county (M/051/0013). The executive summary and tentative approval letter are in the draft folder. Would you please finalize the tentative approval letter and work to get the advertisement and the RDCC notice ready? Please let me know what Leslie and I can do to help.

Thank you.



SCALE: 1" = 2000'



Map Created With Topol 2006 National Geographic

Geneva Rock Products, Inc.
1556 West 400 North
Orem, Utah 84057
801-765-7600



Geneva Rock Center Creek Quarry
Base Map

S.24, T.4S., R.5E., SLB#M
S.19.30, T.4S., R.6E., SLB#M

Drawn	Checked	Approved	Date	12-17-08	Drp. No.	Engineer	Revision	DD	NO.	DATE	DESCRIPTION	BY
B. BARNHART	BEYCE					Center Creek Quarry DOGM NOI Figure 1						
						ISSUED FOR INTERNAL REVIEW						